

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050623

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F17/60

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WU Y., APPELTON E.: "The Optimisation of Block Layout and Aisle Structure by a Genetic Algorithm"</p> <p>COMPUTERS AND INDUSTRIAL ENGINEERING, vol. 41, no. 4, 31 January 2002 (2002-01-31), pages 371-387, XP002290510 abstract</p> <p>page 375 - page 377</p> <p style="text-align: center;">----- -/--</p>	1-31

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 August 2004

Date of mailing of the international search report

18/08/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>QUEIROLO F., TONELI F., ET AL: "Warehouse Layout Design: Minimizing Travel Time with a Genetic and Simulative Approach - Methodology and Case Study" 'Online! 31 December 2002 (2002-12-31), PROCEEDINGS 14TH EUROPEAN SIMULATION SYMPOSIUM, EUROPE, XP002290511 Retrieved from the Internet: URL: <a href="http://www.scs-europe.org/services/ess2002/PDF/log-3.pdf">http://www.scs-europe.org/services/ess2002/PDF/log-3.pdf</a> 'retrieved on 2004-07-29! the whole document</p>	19-28, 31
X	<p>PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03, 31 March 1999 (1999-03-31) &amp; JP 10 320428 A (HITACHI LTD), 4 December 1998 (1998-12-04) abstract</p>	19
A	<p>US 6 356 911 B1 (SHIBUYA TETSUO) 12 March 2002 (2002-03-12) abstract column 1, line 54 - column 2, line 39 column 7, line 30 - column 8, line 32</p>	1-16
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1999, no. 13, 30 November 1999 (1999-11-30) &amp; JP 11 208825 A (TOSHIBA CORP), 3 August 1999 (1999-08-03) abstract</p>	1, 10, 11, 13, 16, 17

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/050623

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 10320428	A	04-12-1998	NONE	
US 6356911	B1	12-03-2002	JP 11184837 A	09-07-1999
JP 11208825	A	03-08-1999	NONE	